

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	196	("6787783" "5977549" "4952421" "6538254" "6828566" "5229361" "6495838" "5747818" "5892225" "5357116" "5504340" "5557314" "5583344" "5747803" "5825035" "5852297" "6178222" "6211527" "6211527" "4785172" "5004927" "5616921" "5757409" "5783830" "5920073" "5977543" "6121771" "4983830" "5239863" "5306663" "5331161" "5336369" "5479027" "5495110" "5532184" "5541411" "5591970" "5926688" "5935870" "5940678" "5969364" "5986264" "5990478" "6042736" "6140603" "6162735" "6188068" "6251782" "6268608" "6303399").pn. ("6322672" "6373070" "6388265" "6414307" "6420722" "6426500" "6452173" "6452174" "6453063" "6521890" "6570170" "6576894" "6580072" "6583426" "6621081" "6639226" "6664552" "6683304" "6683320" "6723650" "6734687" "6768110" "6770867" "6781125" "6786978" "6794663" "6809317" "6821688" "6825468" "6838685" "6855938" "6858851" "6870161" "6884362" "6900447" "6911832" "6914244" "6924484" "6927391" "6946064" "6042738" "6641705" "6670717" "6683305" "6806198" "6858530" "6863787" "6900137" "5686726" "5840630").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:46
S2	859	FIB and cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:45
S3	61	FIB same cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:41
S4	1	FIB near cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:38

## EAST Search History

S5	531	FIB and cool\$5 and base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:46
S6	82	FIB and cool\$5 same base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:47
S7	0	FIB and cool\$5 near base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:47
S8	3	S6 and peltier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:47
S9	99	("6787783" "5977549" "4952421" "6538254" "6828566" "5229361" "6495838" "5747818" "5892225" "5357116" "5504340" "5557314" "5583344" "5747803" "5825035" "5852297" "6178222" "6211527" "6211527" "4785172" "5004927" "5616921" "5757409" "5783830" "5920073" "5977543" "6121771" "4983830" "5239863" "5306663" "5331161" "5336369" "5479027" "5495110" "5532184" "5541411" "5591970" "5926688" "5935870" "5940678" "5969364" "5986264" "5990478" "6042736" "6140603" "6162735" "6188068" "6251782" "6268608" "6303399").pn. ("6322672" "6373070" "6388265" "6414307" "6420722" "6426500" "6452173" "6452174" "6453063" "6521890" "6570170" "6576894" "6580072" "6583426" "6621081" "6639226" "6664552" "6683304" "6683320" "6723650" "6734687" "6768110" "6770867" "6781125" "6786978" "6794663" "6809317" "6821688" "6825468" "6838685" "6855938" "6858851" "6870161" "6884362" "6900447" "6911832" "6914244" "6924484" "6927391" "6946064" "6042738" "6641705" "6670717" "6683305" "6806198" "6858530" "6863787" "6900137" "5686726" "5840630").pn.	USPAT	OR	ON	2005/12/28 11:50

## EAST Search History

S12	2	"6365905".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:55
S13	2	"20040060904"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:56
S14	2	"20040112857"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:56
S15	2	"20040129879"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 11:57
S16	2	"20040132287"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:04
S17	5199	"focused ion beam"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:05
S18	1804691	cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:05
S19	4909286	base or stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:06
S20	1172321	sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:06
S21	3628493	temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:06
S22	277	S17 and S18 and S19 and S20 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:07
S23	0	S22 and base near cool\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:07

## EAST Search History

S24	6	S22 and stage near cool\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:07
S25	11486	peltier and cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:49
S26	9058	peltier same cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:49
S27	1264	peltier near cooling	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:49
S28	515	S27 and base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:50
S29	165	S28 and thermoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:50
S30	64	S29 and sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/28 12:50
S31	0	FIB and base near cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:24
S32	82	FIB and base same cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:24
S33	7	FIB and stage near cool\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:36
S34	5	FIB and peltier same stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:37
S35	0	FIB and peltier near stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:36

## EAST Search History

S36	2	FIB and peltier same base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:40
S37	4	FIB and peltier same substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:41
S38	11	FIB and peltier same sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:50
S39	5	"thermoelectric cooler" and stage and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:51
S40	0	"thermoelectric cooler" same stage and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:51
S41	0	"thermoelectric cooler" same base and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:51
S42	0	"thermoelectric cooler" same substrate and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:52
S43	0	"thermoelectric cooler" same sample and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:52
S44	181	"thermoelectric cooler" same stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 10:52
S45	282	"thermoelectric cooler" same base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 11:01
S46	0	"thermoelectric cooler" and FIB and ballast and sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 11:01
S47	5	"thermoelectric cooler" and FIB and sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:29

## EAST Search History

S48	0	S47 and ballast	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 11:02
S49	1304442	thermal ballast and fin and heat and capacity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:29
S50	3	thermal adj ballast and fin and heat and capacity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:32
S51	20951	stage and cool\$ and fluid and port	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:32
S52	2130	S51 and cooling adj fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:33
S53	114	S52 and fluid adj port	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:37
S54	5	S53 and cool\$ near stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:33
S55	48	S53 and ion	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:10
S56	0	S55 and FIB	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 12:37
S57	99	FIB same deposit same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:27
S58	81	S57 and silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:11
S59	75	S58 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:11

## EAST Search History

S60	35	S59 and sample	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:11
S61	2	S60 and sio2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:11
S62	59	FIB same deposit same layer and insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:27
S63	17	S62 and precursor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:34
S64	2	S63 and sio2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:28
S65	0	S63 and teos	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:35
S66	3	S63 and tmcts	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/30 13:35
S67	7452	focus\$4 adj ion adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:59
S68	9063	sample adj cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:46
S69	18	S67 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:50
S70	923	(250/492.21).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/03/10 12:50
S71	2	S70 and sample near cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:51

## EAST Search History

S72	54	S67 and temperature and peltier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:54
S73	10	"charged particle beam" and sample near cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 12:59
S74	57	secondary adj electron and sample near cool\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 13:27
S75	23	FIB and thermoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:44
S76	15	S75 and cool\$4 near5 thermoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/03/10 13:28
S77	29	FIB and thermoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:44
S78	16	S77 and base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:48
S79	309	"focused ion beam" same temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:27
S80	11	S79 and thermoelectric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:49
S81	19	S79 and (thermoelectric peltier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:53
S82	10	S81 and base	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 10:49
S83	33	"focused ion beam" same temperature near control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:29

## EAST Search History

S84	18	(US-20040033679-\$ or US-20020162339-\$ or US-20040129879-\$ or US-20050045821-\$ or US-20050064610-\$ or US-20050062196-\$ or US-20040262516-\$).did. or (US-4555626-\$ or US-6544599-\$ or US-5635715-\$ or US-5055696-\$ or US-5708371-\$ or US-5747818-\$ or US-6365905-\$ or US-6751516-\$ or US-5075555-\$ or US-5104684-\$ or US-6288561-\$).did.	US-PGPUB; USPAT	OR	ON	2006/08/07 12:38
S85	9	S84 and temperature near control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 12:59
S86	1010	(250/492.21).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/08/07 12:59
S87	58	S86 and temperature near control\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 13:00
S88	51	S87 and ion near3 beam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 13:00
S89	17	S88 and focused near ion near beam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 13:00
S90	4	S89 and peltier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/08/07 13:00